



Surface Mount TVS Circuit Protection Components SM8S28AG AEC-Q101 For Automotive

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen, Guangdong, China
- Brand Name: SOCAY
- Certification: UL, REACH, RoHS, ISO
- Model Number: SM8S28AG
- Minimum Order Quantity: 500PCS
- Price: Negotiable
- Delivery Time: 1-3weeks



Product Specification

- Other Name: AUTOMOTIVE System Components
- Package Type: DO-218AB
- Mounting Pattern: Surface Amoun
- Vr: 28V
- Ir@Vr @25 : 5μA
- Ir@Vr @175 : 150μA
- Vbr@It (Min.): 31.1V
- Vbr@It (Max.): 34.4V
- It: 5mA
- Vc@lpp: 45.4V
- lpp: 145A
- Highlight: **Circuit Protection Components Automotive,
Circuit Protection Components SM8S28AG,
TVS Circuit Protection AEC-Q101**

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Product Description

Meet AEC-Q101 Qualified, Surface Mount Transient Voltage Suppressor SM8S28AG

DATASHEET: [SM8SXXG Series_v2309.1.pdf](#)

Description:

The SM8S series is specifically to protect sensitive electronic equipment ,The full datasheet and more details please contact us freely.

Part Number		Working Peak Reverse Voltage V_{RWM} (V)	Breakdown Voltage V_{BR} (V)		Test Current I_T (mA)	Maximum Reverse Leakage I_R @ V_{RWM} (μA)	Maximum I_R @ V_{RWM} $T_J=175$ (μA)	Maximum Reverse Surge Current I_{PP} (A)	Maximum Clamping Voltage V_C @ I_{PP} (V)
Uni	Bi		Min.	Max.					
SM8S10AG	SM8S10CAG	10.0	11.1	12.3	5.0	15	250	388	17.0
SM8S11AG	SM8S11CAG	11.0	12.2	13.5	5.0	10	150	363	18.2
SM8S12AG	SM8S12CAG	12.0	13.3	14.7	5.0	10	150	332	19.9
SM8S13AG	SM8S13CAG	13.0	14.4	15.9	5.0	10	150	307	21.5
SM8S14AG	SM8S14CAG	14.0	15.6	17.2	5.0	10	150	284	23.2
SM8S15AG	SM8S15CAG	15.0	16.7	18.5	5.0	10	150	270	24.4
SM8S16AG	SM8S16CAG	16.0	17.8	19.7	5.0	10	150	254	26.0
SM8S17AG	SM8S17CAG	17.0	18.9	20.9	5.0	10	150	239	27.6
SM8S18AG	SM8S18CAG	18.0	20.0	22.1	5.0	10	150	226	29.2
SM8S20AG	SM8S20CAG	20.0	22.2	24.5	5.0	10	150	204	32.4
SM8S22AG	SM8S22CAG	22.0	24.4	26.9	5.0	10	150	186	35.5
SM8S24AG	SM8S24CAG	24.0	26.7	29.5	5.0	10	150	170	38.9
SM8S26AG	SM8S26CAG	26.0	28.9	31.9	5.0	10	150	157	42.1
SM8S28AG	SM8S28CAG	28.0	31.1	34.4	5.0	10	150	145	45.4

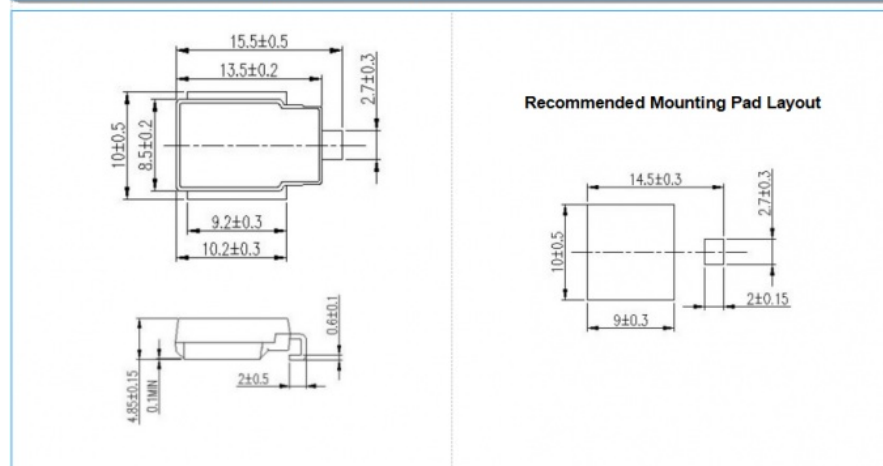
Notes:

- Surge current waveform is defined at 10/1000 μ S waveform.
- For all types maximum $V_F = 1.8$ V at $I_F = 100$ A measured on 8.3 ms single half sine-wave or equivalent square wave, duty cycle = 4 pulses per minute maximum.

Features:

Auto Grade components ,Protection Circuit Board

Package Outline Dimensions (Unit: millimeters)



Application

FAQ

Q1. Can I have a sample order ?

A: Yes, we welcome sample order to test and check quality. Mixed samples are acceptable.

Q2. What about the lead time?

A: Sample needs 1 days, mass production time needs 1-2 weeks for order quantity more than

Q3. Do you have any MOQ ?

A: MOQ depend on the type of product, 1pc for sample checking is available

Q4. How do you ship the goods and how long does it take to arrive?

A: We usually ship by DHL, UPS, FedEx or TNT. It usually takes 3-5 days to arrive. Airline and sea shipping also optional.

Q5. How to proceed an order ?

A: Firstly let us know your requirements or application.

Secondly We quote according to your requirements or our suggestions.

Thirdly customer confirms the samples and places deposit for formal order.

Fourthly We arrange the production.

Q6: Do you offer guarantee for the products?

A: Yes, we offer 2-5 years warranty to our products.



Shenzhen Socay Electronics Co., Ltd.



+8618126201429



sylvia@socay.com



socaydiode.com

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City,
GuangDong Province, China